Use Attainability Analysis

for

WBID 3219 Warren Branch

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

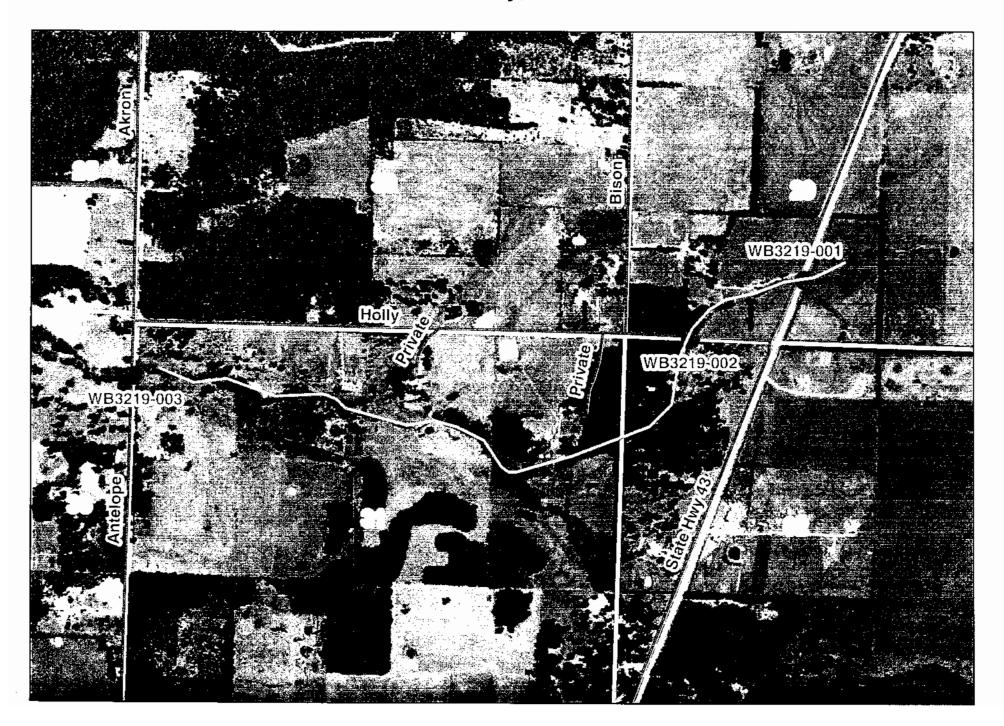
Data Sheet A - Water Body Identification

VATER PROTECTION PROGRAM

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Signed:	ine Cam	ptell	Date:	7/6/05
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Warren Branch (WB3219) Newton County, Missouri



Warren Branch 17

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 2	219-001		Site Location De	escription:	
Site GPS Coordinates: E		18G551	Hwy 43		
Date & Time: /2/2	9/15	2'45	Facility Name:		
7	+11 + Woody	vacal	Permit Number:		
Current Weather Condition		1		ions for Past 7 days: Sun	ou Hitalice
Photo Ids: Upstream:	-24 <u>111 1 0 C</u>	,		": WBE3219-01	114, 110,140114
Thoto ids. Opsicani.	DU3217-0 (DOWN	CIW.man.	U.3217-01 Out	WDE-0217-U1	
Uses Observed*:					
Swimming	Skin diving	☐ SCI	JBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□ Воа	ting	Wading	Rafting
Hunting	Trapping	Fish	ing	None of the above	Other:
Surrounding Condition	s*: (Mark all that pro	omote or imp	ede recreational u	uses. Attach photos of evider	nce or unusual
tems of interest.)	,				1
City/county parks	☐ Playgrounds [MDC con	servation lands	Urban areas	☐ Campgrounds
Boating accesses	State parks	National I	forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	Fence [Steep slop	oes	Other:	
Evidence of Human Use	·*•				
Roads	Foot paths/prints		ock/platform	Livestock Watering	RV / ATV Tracks
Rope swings	Camping Sites		re pit/ring	NPDES Discharge	Fishing Tackle
Other:					

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

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tream Morpholo Upstream View		imonejone				
Riffle Widtl		Length (ft):	Avg. Depth	h (ft):	Max. Depth (ft):	
Run Widtl	n (ft):	Length (ft):	Avg. Deptl		Max. Depth (ft):	
Pool Widtl		Length (ft):	Avg. Deptl		Max. Depth (ft):	
Flow Prese	nt? Yes	No	Estimated	(ft³/sec):		
Downstream V	iew Physica	I Dimensions:				
Riffle Width	•	Length (ft):	Avg. Deptl	h (ft):	Max. Depth (ft):	
Run Widtl	ı (ft):	Length (ft):	Avg. Deptl	h (ft):	Max. Depth (ft):	
Pool Width	n (ft): / O	Length (ft): L	Avg. Deptl	h (ft): 2 F+	Max. Depth (ft):	
Flow Prese	nt? Yes	No	Estimated ((ft ³ /sec):	· ·	-
uatic Vegetatio	n*: (note amo	unt of vegetation or Channe	% Sand algal growth at the ass	% Silt sessment site)	% Mud/Clay	% Bedrock
ater Characteri	stics*: (Mark	all that apply.)	Chemical	None	Other:	
Color:	Clear	Green	Gray	Milky	Other:	
Bottom Deposit:	Sludge	Solids	☐ Fine sediments		Other:	
Surface Deposit:	Oil	Scum	☐ Foam	None	Other:	
his information is no aprehensive underst	ot to be used sol anding of water	ely for removal of a	recreational use desig	gnation but rather on is not intended	d to directly influence a	
the undersigned tasheet is true a			f my knowledge,	that all inform	nation reported or	ı this UAA
gned: My	re Can	phill	Date:_	7/6/0:	5	
ganization: M		,	Positic	on: <u>Soil</u>	Scientis.	/







3219_001 Extra



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 3	219-002	_	Site Location D	escription:	
Site GPS Coordinates:	-		Hally 6	201	
Date & Time: //2	9/05	3100	Facility Name:		
Personnel: (amp)	24 11 4 11100c	Iward	Permit Number:		
Current Weather Condit	ions: Sanny 1	fott Dry	Weather Condit	ions for Past 7 days: Suny	M. Hath Dry
Photo Ids: Upstream:		· · · · · · · · · · · · · · · · · · ·	3219-02 Othe	•	4,1014019
	DUDAITOR	(N D4.)	IJAI JU A-		.
ses Observed*:					
Swimming	Skin diving	□ sct	JBΛ diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boa	ting	Wading	Rafting
☐ Hunting	Trapping	☐ Fish	ing	None of the above	Other;
Describe: (include numb	er of individuals rec	creating, freque	ncy of use, photo-	documentation of evidence	of recreational uses, etc.)
Describe: (include numb	er of individuals rec	creating, freque	ncy of use, photo-	documentation of evidence	of recreational uses, etc.)
	- An - An -			documentation of evidence	
rrounding Condition	18*: (Mark all that p	promote or imp	ede recreational u		
rrounding Condition	- An - An -	promote or imp			
rrounding Condition	18*: (Mark all that p	promote or imp	ede recreational u	ses. Attach photos of evide	nce or unusual
rrounding Condition ns of interest.) City/county parks	18*: (Mark all that p	promote or imp	ede recreational u servation lands	ses. Attach photos of evide	nce or unusual
rrounding Condition ns of interest.) City/county parks Boating accesses	18*: (Mark all that p Playgrounds State parks Fence	promote or imp	ede recreational u servation lands	ses. Attach photos of evide	nce or unusual
rrounding Condition ns of interest.) City/county parks Boating accesses No trespass sign	Playgrounds Playgrounds State parks Eence **: Foot paths/prin	oromote or imp MDC con National f Steep slop	ede recreational u servation lands forests pes	ses. Attach photos of evide: Urban areas Nature trails Other:	nce or unusual Campgrounds Stairs/walkway
rrounding Condition ms of interest.) City/county parks Boating accesses No trespass sign	18*: (Mark all that pure playgrounds Playgrounds State parks Fence Example 1	oromote or imp MDC con National f Steep slop	ede recreational u servation lands corests	ses. Attach photos of evide. Urban areas Nature trails Other:	nce or unusual Campgrounds Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

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Stream Morpholo Upstream View		.anaiana				
	v rnysicai Dini h (ft):	Length (ft):	Avg. Depth	 (ft):	Max. Depth (ft):	
	h (ft):	Length (ft):	Avg. Depth		Max. Depth (ft):	
	h (fì):	Length (ft):	Avg. Depth		Max. Depth (ft):	
☐ Flow Prese		No	Estimated (fi			
Downstream V	•					
Riffle Widt	h (ft):	Length (ft):	Avg. Depth	(ft): 	Max. Depth (ft):	
Run Widt	h (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool Widt	h (ft): 12	Length (ft):	Avg. Depth ((fi): / £ f .	Max. Depth (ft):	
☐ Flow Prese	nt? 📥 Yes	No	Estimated (fi	t ³ /sec):		
Substrate*: (Thes 20 % Cobb Aquatic Vegetation A\(\begin{array}{c} \begin{array}{c} \begin{array}{c} \ext{QUL} & 0 \end{array} \end{array}	le 80% (Gravel tof vegetation or al	% Sand gal growth at the asse	% Silt]	% Mud/Clay	% Bedrock
Water Character	Sewage	Musky	Chemical	None	Other:	<u> </u>
Color:	Clear	Green	Gray	Milky	Other:	
Bottom Deposit: Surface Deposit:	Sludge Oil	Solids Scum	Fine sediments Foam	None None	Other:	
This information is necomprehensive unders decision on the recreat the true and true a	of to be used solely tanding of water co ion use analysis bu I, hereby affirm	of for removal of a reconditions. Consequent may point to cond	ecreational use design lently, this information ditions that need further my knowledge, the	ation but rather in is not intended or analysis or that all inform	to directly influence a	this UAA
Signed:	u carry	Over	Date:)	
Organization: <u>M</u>	DNC		Position	n: <u>Soil</u>	Scientist	





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Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data shect must be completed for each site)

Missouri WBID#: 2	219-003		Site Location D	escription:	
Site GPS Coordinates:	£ 1358576 N	14189249	Antelo	spe Rd	
Date & Time: (a)	9/05	3115	Facility Name:		
Personnel: Camok	21 + Wood	lward	Permit Number	•	
Current Weather Condi		17 10 CL	Weather Condit	tions for Past 7 days:	ny Hot d Dry
Photo Ids: Upstream://	-11/	wnstream:		, <u>500</u> 1	ny, Hot d Dry
w	DU JAIJEU SI	WIXL	<u>ר</u> ב. טרן זגני.		
Jses Observed*:					
Swimming	Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing		Воа	iting	Wading	Rafting
Hunting	Trapping	Fish	ning	None of the above	Other:
	ns*: (Mark all that p	promote or imp	pede recreational t	uses. Attach photos of cyider	nce or unusual
ems of interest.)		 		·	1
City/county parks	☐ Playgrounds	☐ MDC cor	nservation lands	Urban areas	Campgrounds
City/county parks Boating accesses	☐ Playgrounds ☐ State parks	☐ MDC cor	servation lands	Urban areas Nature trails	1
City/county parks	☐ Playgrounds	☐ MDC cor	servation lands	Urban areas	Campgrounds
City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC cor	servation lands	Urban areas Nature trails	Campgrounds
City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC cor☐ National ☐ Steep slop	nservation lands forests	Urban areas Nature trails Other:	☐ Campgrounds ☐ Stairs/walkway
Boating accesses No trespass sign vidence of Human Us	☐ Playgrounds ☐ State parks Fence Fence ☐ Foot paths/prin	MDC cor National Steep slop	forests pes ock/platform	Urban areas Nature trails Other:	☐ Campgrounds ☐ Stairs/walkway ☐ RV / ATV Tracks
City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	MDC cor National Steep slop	nservation lands forests	Urban areas Nature trails Other:	☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

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Stream Mor						
Riffle	View Physical E Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run	Width (ft):	Length (ft):	Avg. Depth		Max, Depth (ft):	
Pool	Width (ft): 15	Length (ft): 2		··	Max. Depth (ft):	
Flow	Present? Yes	□ No	Estimated (f		J.,	
Downstre	am View Physica	l Dimensions:				
Riffle	Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run	Width (ft):	Length (ft):	Avg. Depth	(ft);	Max. Depth (ft):	
∑ √ool	Width (ft): U	Length (ft): //			Max. Depth (ft):	
Flow	Present? Yes	□ No	Estimated (f			
*	etation*: (note amo		algal growth at the asse	essment site)		
Water Char	acteristics*: (Mark		Chemical	None	Other:	
Color:	Sewage Clear	☐ Musky	Gray	Milky	Other:	
Bottom De		Solids	Fine sediments	None	` Other:	
Surface De		Scum	Foam	None	Other:	
This information comprehensive decision on the state of the understates the state of the state of the understates of the unders	on is not to be used so understanding of wate recreation use analysi- igned, hereby aff true and accurate	olely for removal of a er conditions. Consects but may point to confirm to the best of the	recreational use design quently, this information	nation but rather n is not intende or analysis or th	d to directly influence a	ı
Signed:	Ime Can	mphell	Date:	7/6/05	<u> </u>	
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